

REPLACEMENT DRAWINGS

Kindly amend the above application by substituting the existing drawings with Replacement Sheet 1 (Fig. 1) and Replacements Sheet 2 (Fig. 2). Applicant is submitting drawings that include only formal changes.

Specifically, no substantive changes were made to Fig. 1. In addition to providing a better quality drawing, Applicant has marked block CONTROL LOGIC with number 14, and has labeled the output of block ADDER with the text "POSITION COORDINATES."

No substantive changes were made to Fig. 2. In addition to providing a better quality drawing, Applicant has numbered the elements of the drawings as they were described in the specification, and has added an optional disable button operated externally by the user as described in the specification. Specifically, the ACCELERATION SENSOR and its output were marked with numbers 20 and 22; the first integrator circuit (on the right) and its output (velocity signal) were marked with numbers 24 and 38; the second integrator circuit (on the left) and its output were marked with numbers 26 and 42, and the discharge switch and the integrating capacitor were marked with numbers 28 and 44; the optional disable button was marked with number 50; the block CLOCK was marked with number 40; the block CONTROL LOGIC was marked with number 32; the block ADC and its output were marked with numbers 30 and 46, and the input of the ADC was marked with the text "START"; and the block ADDER was marked with number 34.

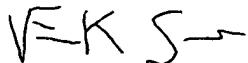
REMARKS

Applicant submits that the above new Claims 6 to 11, replacement drawings, and amendment to the specification will place this application in full condition for allowance, which action Applicant respectfully solicits.

Conditional Request For Constructive Assistance

The undersigned, a pro se Applicant, has made a diligent effort to amend the claims of this application so that they all are in proper form and define novel structure that is also unobvious. If, for any reason the Examiner believes claims of this application are not in full condition for allowance, Applicant respectfully requests the constructive assistance and suggestions of the Examiner pursuant to the spirit of MPEP § 2173.02 and § 707.07(j). This will enable the undersigned to place this application in allowable condition as soon as possible and without the need for further proceedings. The Examiner is authorized to make any minor changes.

Very respectfully,



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Enclosures: 1) Information Disclosure Statement by Applicant (one page)
2) Replacement Drawings (two pages)

Certificate Of Mailing: I certify that on the date below I will deposit this document with the U.S. Postal Service as first class mail in an envelope addressed to: "COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VIRGINIA 22313-1450."

Date: 2006 May 22


Frank Sacca, Inventor